

## CLAIMS

1. A present invention of a transmission for a swing exerciser has a transmission structure basically comprised of:

a machine base as the main body for the entire transmission and

5 disposed with two pairs of straddle stands spaced in proper interval distance;

a crank shaft and a rocking rod respectively and pivotally disposed on the straddle stands;

a driving and turning member as the dynamic source of the swing exerciser and disposed on one side of the crank shaft for driving the it to rotate;

10 a link rod with two ends thereof respectively and pivotally connected to the crank shaft and the rocking rod;

a straddle seat disposed on and moving with the link rod;

15 accordingly, when the driving and turning member drives the crank shaft to turn, the crank shaft and the rocking rod drive the link rod to repetitively wind along an 8-shaped path so as to make an user's leg portion stretched on the straddle seat to swing left and right as well as lift up and down for exercising effect.

2. The present invention of a transmission for a swing exerciser according to Claim 1, wherein the driving and turning member is composed by a motor and
- 20 a variable speed gear.

3. The present invention of a transmission for a swing exerciser according to Claim 1, wherein one end of the link rod for disposing the straddle seat forms into an extending arm accordingly so as to locate the straddle seat at a position in a proper height.